From: Wireman, Mike

To: Schmit, Ayn; Hestmark, Martin; Stavnes, Sandra; Bohan, Suzanne

Cc: <u>Garcia, Bert; Bloom, Judy; Campbell, Darcy</u>

Subject: RE: WDEQ opposing Aquifer Exemption for Class II wells in Madison as part of Moneta Divide project

Date: Tuesday, February 26, 2013 9:57:19 AM

Attachments: <u>image001.jpg</u>

Ayn – maybe the persistent efforts of a few of us are finally starting to show some benefit – apparently the TDS in the Madison at that location is approx. 1000 Tmg/l –which really indicates an active flow system –even at 15,000 ft. This fits with data /information from other "deep" aquifers that have been tested in sedimentary basins around the world.

ine

scientific /engineering groundwater community is starting to look at the "deep" groundwater

mike

From: Schmit, Ayn

Sent: Monday, February 25, 2013 5:23 PM

To: Hestmark, Martin; Stavnes, Sandra; Bohan, Suzanne

Cc: Garcia, Bert; Bloom, Judy; Wireman, Mike; Campbell, Darcy

Subject: WDEQ opposing Aquifer Exemption for Class II wells in Madison as part of Moneta Divide

project

Interesting. I am pretty sure that Wyoming has issued other AEs in the Madison (true, Mike?). Good news that WDEQ is opposing exempting this USDW.

See link below for full story...

2013-02-21T22:00:00Z Encana aims to dispose of wastewater in Madison aquiferBy ADAM VOGE Star-Tribune energy reporter Casper Star-Tribune Online

February 21, 2013 10:00 pm • By ADAM VOGE Star-Tribune energy reporter

(7) Comments

CHEYENNE — Encana Corporation is looking to develop a new, massive 4,200-well gas field west of Casper, company officials said Friday. Read more

Wyoming's environmental regulatory agency is objecting to an oil and natural gas company's plan to inject wastewater into a Wyoming aquifer.

The Wyoming Department of Environmental Quality in a Feb. 11 letter opposed a plan by Encana Oil and Gas to pump water from its oil and gas wells deep into the Madison geological formation.

Encana, a Calgary, Alberta-based producer with a major active project south of Pinedale, is seeking permission from the Wyoming Oil and Gas Conservation Commission for a disposal well located in Encana's Moneta Divide project area about 60 miles west of Casper.

For full story: Encana aims to dispose of wastewater in Madison aquifer

<u>5</u>
<u>Print</u> <u>Email</u>

2013-02-21T22:00:00Z Encana aims to dispose of wastewater in Madison aquiferBy ADAM VOGE Star-Tribune energy reporter Casper Star-Tribune Online

February 21, 2013 10:00 pm • <u>By ADAM VOGE Star-Tribune energy reporter</u> (7) Comments

BLM seeks views on massive Wyoming natural gas project



The federal Bureau of Land Management will soon begin an environmental review of a sizable drilling project proposed west of Casper. Read more

Natrona County Commission agrees to offer input on Moneta Divide development

The Natrona County Commission agreed at its work session Tuesday to sign on as a cooperating agency to an environmental analysis of a recently... Read more

Wyoming gas project would bring jobs, tax revenue, air quality concerns

LANDER — A proposed natural gas field in Fremont and Natrona counties will provide 300 permanent jobs, 600 construction jobs and an estimated ... Read more

Officials say Wyoming natural gas field will pump for decades, create hundreds of jobs



Three energy companies were several years into the federal approval process for a natural gas field in central Wyoming when drilling results s... Read more

Encana plans huge gas field west of Casper

CHEYENNE — Encana Corporation is looking to develop a new, massive 4,200-well gas field west of Casper, company officials said Friday. Read more

Wyoming's environmental regulatory agency is objecting to an oil and natural gas company's plan to inject wastewater into a Wyoming aquifer.

The Wyoming Department of Environmental Quality in a Feb. 11 letter opposed a plan by Encana Oil and Gas to pump water from its oil and gas wells deep into the Madison geological formation.

Encana, a Calgary, Alberta-based producer with a major active project south of Pinedale, is seeking permission from the Wyoming Oil and Gas Conservation Commission for a disposal well located in Encana's Moneta Divide project area about 60 miles west of Casper.

http://trib.com/business/energy/encana-aims-to-dispose-of-wastewater-in-madison-aquifer/article_c8205a54-051f-5807-80ca-7d00ae37c174.html

Ayn E. Schmit 303-312-6220 Water Policy Advisor EPA Region 8, 1595 Wynkoop Street Denver, CO 80202-2466